

# **DRAFT CURRICULUM**

**In the subject of**

## **MILITARY SCIENCE**

**FOR CLASSES  
(XI-XII)**

Developed By

Directorate of Curriculum & Teacher Education NWFP,  
ABBOTTABAD  
April, 2003



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## LIST OF CONTENTS

S. No	Contents	Page No.
1	Preface	1
2	Introduction	2
3	Objectives	3
4	Course out line	4
5	Instructions for the text book writers	6
6	Instructional Material	7
7	Students evaluation	7
8	Instructions for examiners	8

## **PREFACE**

A nation without means of reforms is a nation without means of survival. The best course to make reforms is always remain in education. The Federal Govt of Pakistan feels the need of modifying, revising and making abreast of time the curricula across the levels and subjects (I-XII). Form now in consonance of National Education Policy (1998-2010) already pure sciences, social sciences and languages curricula in two phases i.e 2002 AD and 2001 AD respectively have been designed and developed in collaboration with all 4 Curriculum Bureaux accordingly. This is the 3<sup>rd</sup> phase - 29 subjects yet 61 level is in operation.

The NWFP Curriculum & Teacher Education Directorate under the auspices of the Secretary School & Literacy Department and certainly in collaboration with Federal Ministry of Education, Curriculum Wing, Islamabad has convened various Provincial Draft Curriculum Development Committees meetings comprising working teachers, Subject Specialists, University/College teachers and Curriculum Developers to prepare the document in selected disciplines as per availability of financial assistance.

The curriculum development has always been remain continuous process. Indeed, to accomplish this titanic task one needs immense commitment, stout vigour and profound professional insight. Special gratitude to Almighty Allah that such head & heart qualities were found among the members of the committees and others engaged in the process.

We don't claim that this work is complete in all respect. However, the Ministry can ameliorate it through the modicum efforts of NCDC. Before going to depart I must like to appreciate to both committee members and all subject specialists plus officials for fulfilling the task despite the snags and limitation.

Umar Farooq  
Director  
Curriculum & Teacher Education  
NWFP, Abbottabad

## **Introduction**

**E**ach individual, whether a student of high school or a higher secondary school, is a whole being living at a particular time in a particular environment and society. It is fact that growing child is the focus of attention and understanding of many groups. Child must fulfil two obligations.

- (a) develop and maintain his own individuality and
- (b) learn to live in a society.

According to experts through military science education child can develop his own self and also can serve the members of society. It is concerned with growth and development of the child in all their aspects, physical, emotional social and mental. Moreover student can make intelligent and informed contribution to the security of the country.

After world war second the world countries divided into national states each with its own territory and philosophy of life. To some extent every national state on earth considers itself supreme due to history, philosophy or religion. Such kind of thinking runs counter to people of other nations.

Keeping into view these alarming conditions throughout the world every nation tries to organise learning experiences in the subject of military science as to give military science knowledge to the students that they may be able to play a productive and constructive role in progress of the country. This will equip them with new techniques and skills necessary for defence of the country.

## Objectives:

After completion of the course the students will be enable to:

- ✦ Know about military science.
- ✦ Acquaint himself with military way of life.
- ✦ Develop sense of responsibility
- ✦ Prepare himself for the cause of the others.
- ✦ Define the concept of nationality
- ✦ Appreciate the role of military in defence of the country.
- ✦ Identify the causes of wars.
- ✦ Describe consequences of wars.
- ✦ Develop an idea about evolution of military science
- ✦ Discuss the concept of psychological warfare.
- ✦ Know the sea routs
- ✦ Understand the importance of Indian ocean
- ✦ Elaborate the organisation of Pakistan air force.
- ✦ Share his own experiences with other.
- ✦ Develop qualities of leader
- ✦ Tell about Armament of army
- ✦ Love his countrymen and also rest of the mankind.

**Course out line**  
**Military Science**  
**XI-XII**

**1. Emergence of national states and role of military:**

- Concept of nationality
- Demands of national states
- Role of military and defence of national state.

**2. War in general:**

- Causes of war
- Consequences of war
- How to avoid war

**3. Evolution of military science:**

- Military science in the past
- Nuclear
- Future trends

**4. Security and intelligence:**

- Acquisition of information about enemy
- Security of personnel
- Psychological warfare.

**5. Leadership:**

- Definition.
- Leadership traits.
- Selected biography of one commander.

**6. Sea routes:**

- Importance of sea routes
- Indian ocean
- Pakistan Navy and its role

## **7. Pakistan air force:**

- Organisation
- Components of air defence system
- Air operations

## **8. Armament:**

- Armament of army
- Armament of Navy
- Armament of air force

## **9. Indo-Pak war:**

- War of 1965
- War of 1971
- Role of armed forces

## **10. Simulation:**

- Definition.
- Importance.
- Simulation and warfare

## **11. Use of computer:**

- Importance of the use of computer.
- Computer programs.
- Wars games through simulation by using computer.



## **INSTRUCTION FOR TEXTBOOK WRITERS**

- \* This work may be entrusted to suitable army personnel or retired officers with clear-cut instructions.
- \* Very simple language may be used.
- \* Subject matter may be arranged in logical sequence.
- \* Events may be arranged keeping in view chronological sequence of subject matter.
- \* Difficult terms may be avoided.
- \* Maps, diagrams where these are necessary may be given into the text.
- \* It should be of normal size having papers from 100 to 120.
- \* Each chapter may be given due consideration.
- \* At the end of each chapter exercises may be given to be attempted by the students.

Summary of every chapter may be provided in the relevant part of the book.

## Instructional Material

Military Science is a new subject therefore authorities concerned are requested to provide all the necessary instructional material.

- ✦ Maps showing location of countries
- ✦ Maps showing places of wars
- ✦ Glob
- ✦ Maps showing communication through
  - Sea – oceans
  - Air
  - Roads
- ✦ Armaments used in:
  - Army
  - Navy
  - Air force
- ✦ Computer facility

### Students Evaluation:

Theory	=	Essay type items	=	40 % Marks
		Objective	=	40 % Marks
Practical	=	.....	=	20 % Marks



## **Instruction for examiners**

**Examiners may be requested to:**

- ☞ Strictly follow what is given in the course.
- ☞ Avoid out of course questions.
- ☞ Observe the demands of individual difference in terms of ability and work.
- ☞ Select questions from each part of the course.
- ☞ Arrange questions in accordance with the order of chapters included in the course.
- ☞ Avoid subjectively while marking the papers.